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MAR-02-04 12:43PM FROM-Fenwick & West

415 281 1350

T-467 P.007/016 F-971

PTO/SB/01A (04-00)

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**DECLARATION (37 CFR 1.63) FOR
UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA
SHEET (37 CFR 1.76)**

Application Number	10/666,909
Filing Date	September 17, 2003
First Named Inventor	Brenda F. Baker et al.
Title	Delivery of Oligonucleotide Compounds Into Osteoclasts and Modulation of Osteoclast Differentiation
Group Art Unit	1652
Attorney Docket Number	23546-07993 / RTSP-0313 US. PI

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or
 Application No. 10/666,909, filed on September 17, 2003
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Brenda F. Baker

Citizen of: USA

Signature:

Date: 10/29/03

Inventor two: Kathleen Myers

Citizen of: USA

Signature:

Date: 10/7/03

Inventor three: Joshua Finger

Citizen of: USA

Signature:

Date: 11/03/03

 Additional inventors are being named on

additional form(s) attached hereto.

23546-07993/RTSP-0313 US. PI



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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

-
- Practitioners associated with the Customer Number

35807

OR

-
- Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

Isis Pharmaceuticals, Inc.
2292 Faraday Avenue
Carlsbad, CA 92008

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	B. Lynne Parshall		
Signature		Date	1-5-04
Title	Chief Financial Officer	Telephone	(760) 931-9200

Isis Pharmaceuticals Ref: RTSP-0313US.P1

23546/01000/SF/5111575.1

12/11/03



12:44PM FROM-Fenwick & West

415 281 1350

T-467 P.009/016 F-971

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Brenda F. Baker et al.

Application No./Patent No.: 10/666,909

Filed/Issue Date: September 17, 2003

Entitled: Delivery of Oligonucleotide Compounds Into Osteoclasts and Modulation of Osteoclast Differentiation

Isis Pharmaceuticals, Inc., a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____%
in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014293 Frame 0031, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
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The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 2, 2004
DateSusan T. Hubl, Ph.D.
Typed or printed name(415) 875-2316
Telephone number

Signature

Patent Agent
TitleIsis Ref. RTSP-0313US.P1
23546/07993/SF/5116068.1